Raken
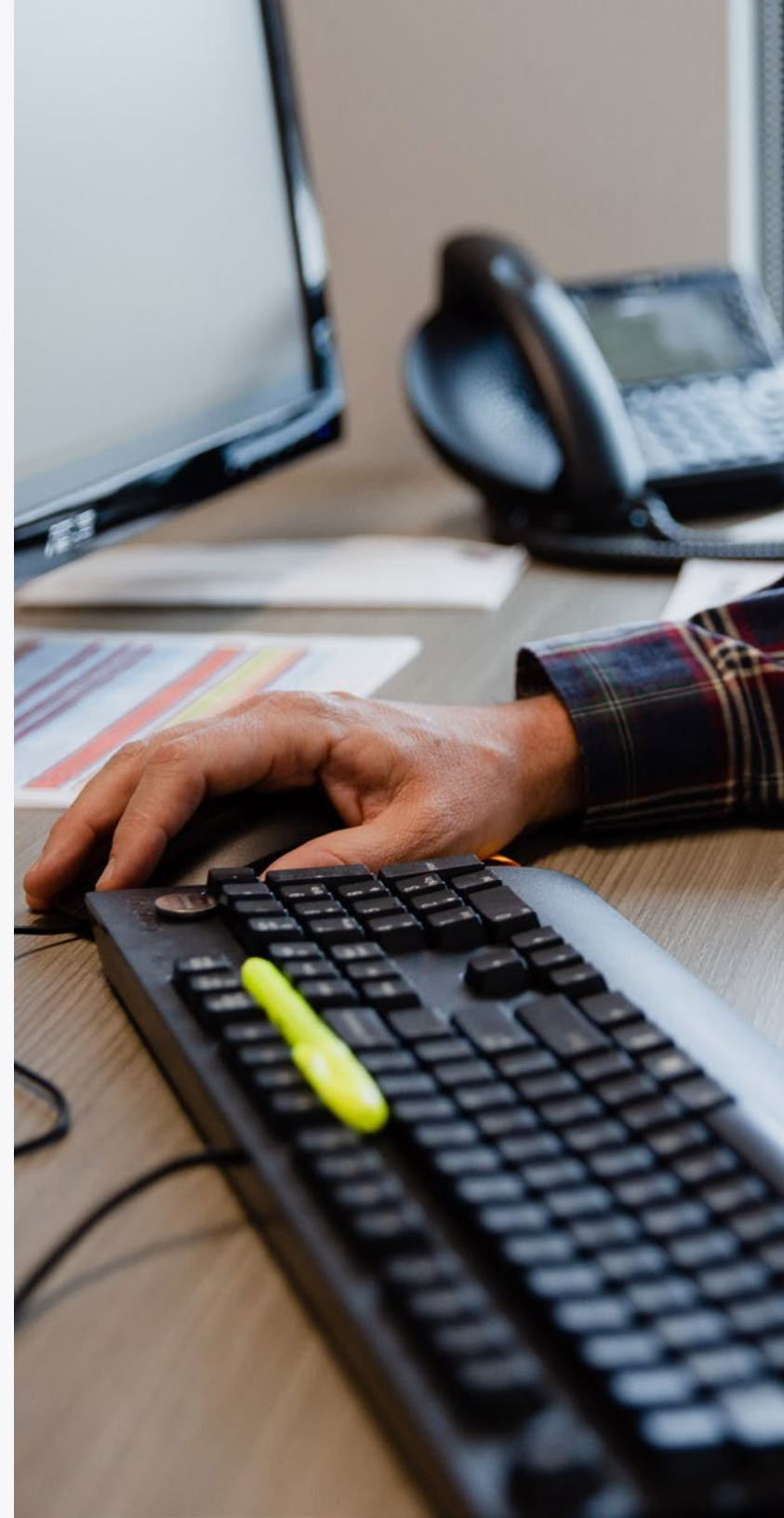
How to Build a Construction Tech Stack

Table of Contents

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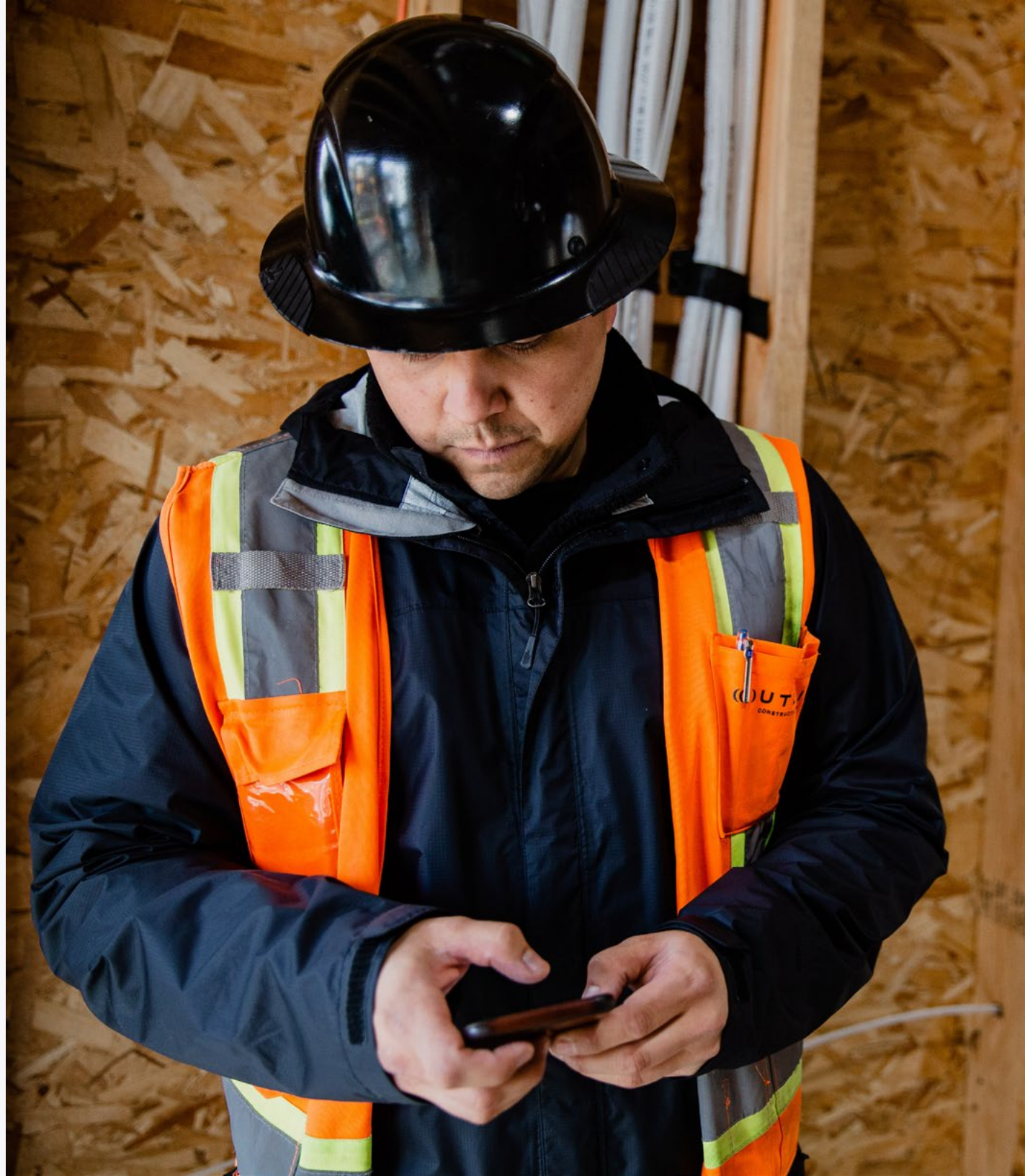# Why construction technology is important

What's construction technology?

Construction technology is a broad term for any digital tool that helps you complete a project (like software).

You can use tech at any project phase—from planning to closing.

Construction software examples

- ✅ Accounting
- ✅ Bid management
- ✅ Cloud storage
- ✅ Estimating
- ✅ Field management (like Raken)
- ✅ Project management

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Why does field management software matter?

In construction, there's always something happening—on and off the jobsite. That's why it's key to save time where you can, while maintaining accurate documentation.

With field management software, you can streamline your team's communication and project data.

5

The truth:

Most construction companies don't use software to manage projects.

In fact, [our friends at STACK](#) found that spreadsheets, and pen and paper, are still the go-tos.

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And yet:

76.7% of companies say software gives them a strategic advantage.

Better data means better visibility (and project decisions), after all.

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So...what'll work best for your company?

Every company has unique needs. However, with so much to choose from, most construction companies can find software that works for them.

In fact, many companies **create a tech stack with multiple different apps** to improve workflows.
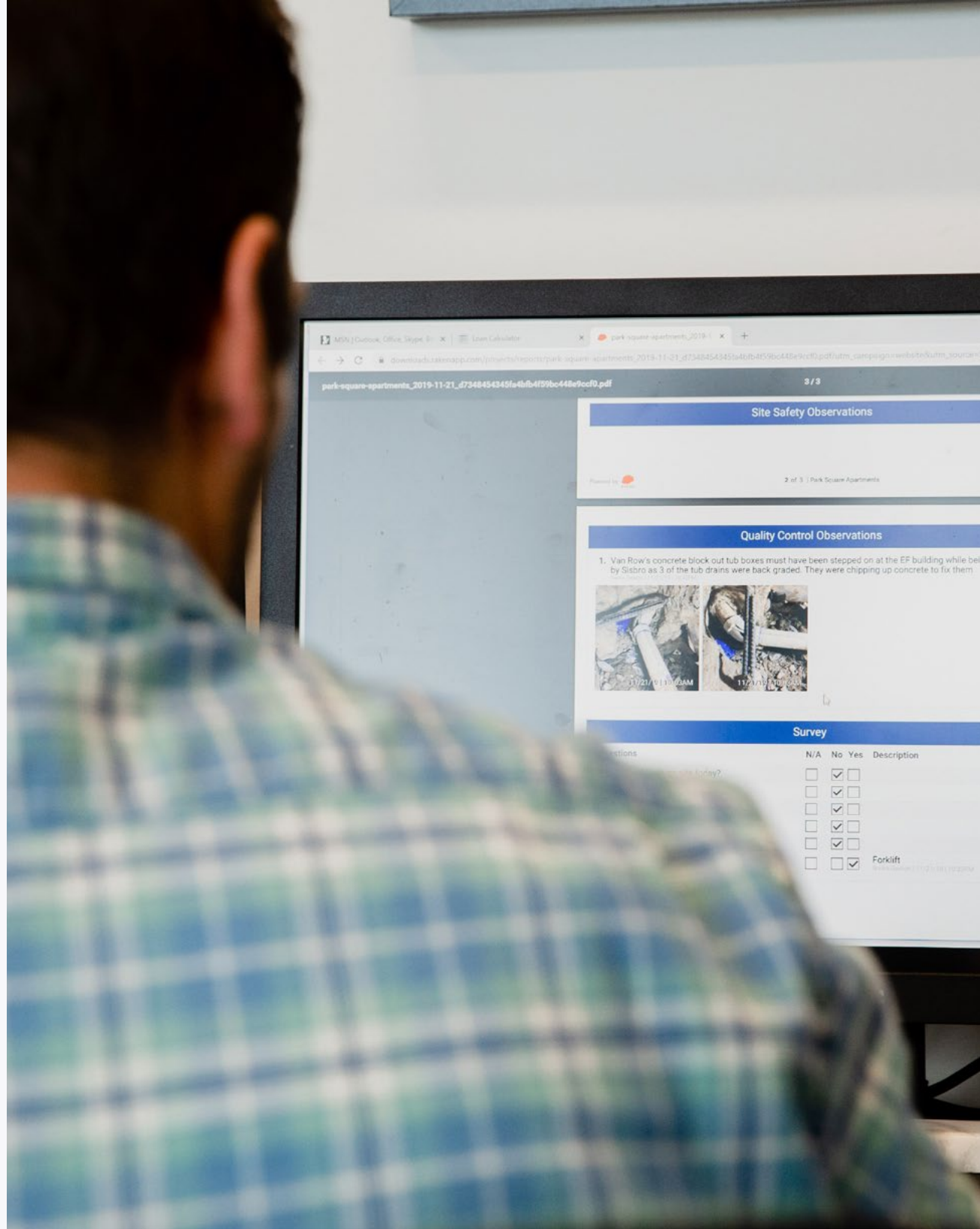
What's a construction tech stack?

Combining software to meet your needs.

Sometimes, you need more than one tool to get the job done.

With a construction tech stack, you combine different technologies to address all your workflows. That way, you can get the most done— in the field and at the office.

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Construction app usage

30.3K
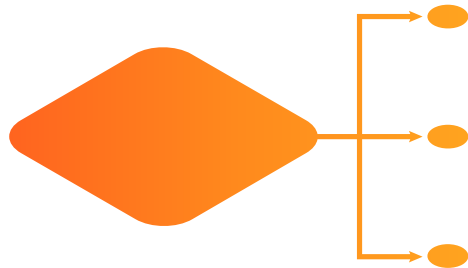
of construction companies use
1–2 apps at a time.

2.5K

of construction companies use
3–5 apps at a time.

(According to STACK...)

But what kinds of apps are they using?

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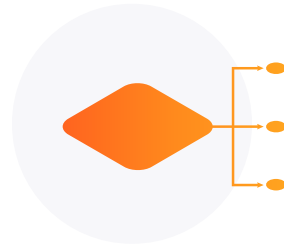# There are two main types of apps:

All-in-one platforms

Point solutions

All-in-one platforms

Pros

✓ Address more than one need

✓ Integrate all your tools in one platform

✓ Can be rolled out quickly at the company level

✓ One price for the entire platform

Cons

✗ Not every feature is relevant to everyone

✗ May not have best-in-breed functionality

✗ May be too complex for less tech-savvy workers (and go unused)

✗ Need more implementation and training

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Point solutions

Pros

- Address one need (best-in-breed)
- Offer more focus and expertise in a specific workflow
- Less complex features
- Take less implementation and training

Cons

- Don't address other issues
- May lack cross-channel reporting
- May require you to manage each tool (and their databases) separately
- No single price for combining solutions

Our advice? Combine the best of both worlds.

The biggest benefit to a tech stack is you can truly make it your own.

So, don't limit yourself to one or the other. Combine your favorite all-in-one and point solutions—and watch your construction projects and processes improve.

And remember—technology is an investment.

By building a tech stack that meets your specific needs, you'll get the highest return on investment (ROI) and increase efficiency.
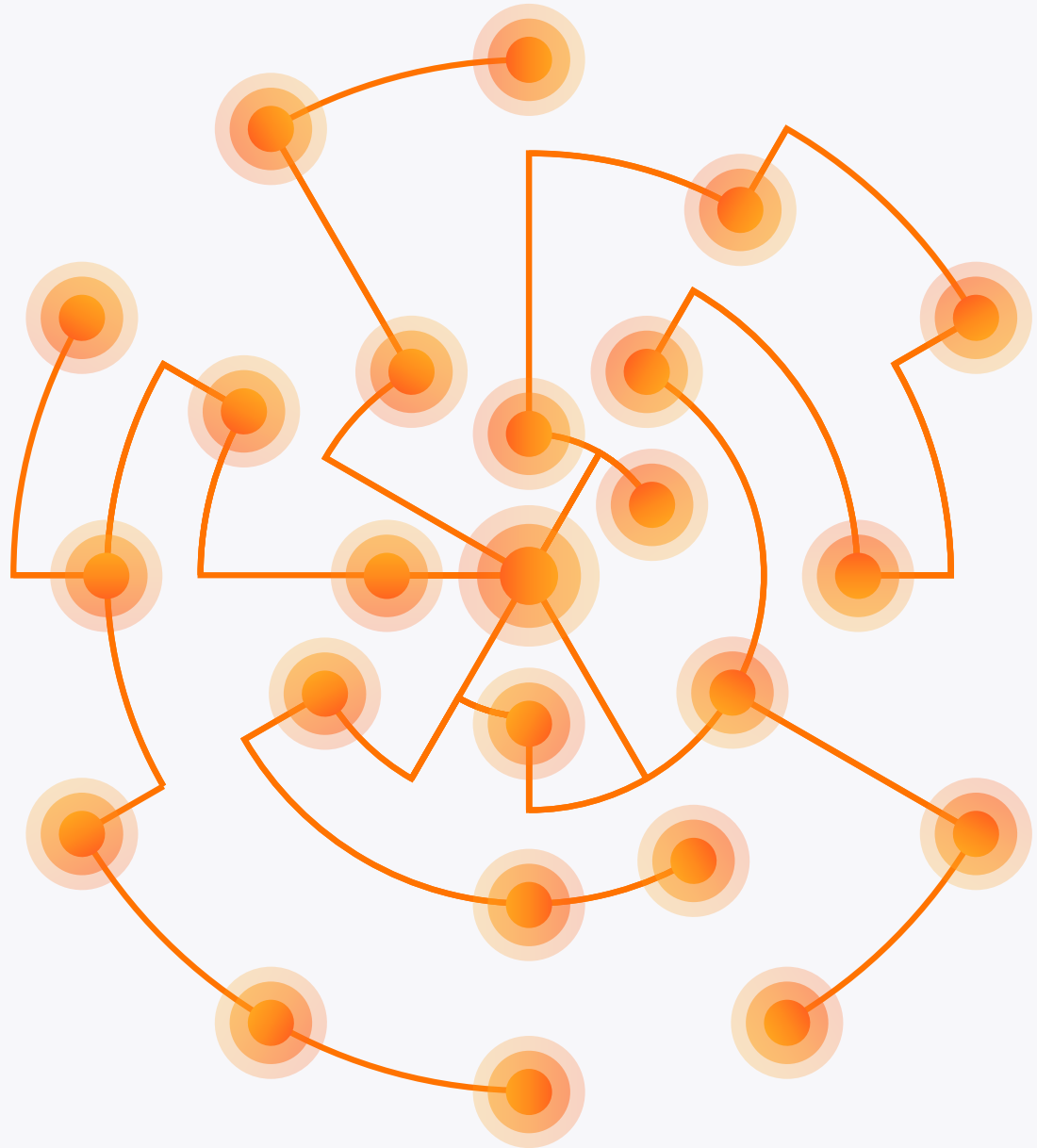
Say hello to more profitable projects.

Be sure to look for integrations, too.

Integrations make it easy for you to manage data across different apps—and get the most from each of them.

When building your construction tech stack, look for software that integrates with others you'll use to maximize efficiency.

How to build the best tech stack for your business

Let's get technical.

With so many options, building a tech stack can be intimidating. Here are four steps to help you make the best one for your business.

How to build a tech stack

1 Choose which workflows to digitize.

2 Set your goals.

3 Try out different products to see what works best.

4 Implement and get feedback.

Choose which workflows to digitize.

First, you need to audit your current processes. Which tasks take too much time and effort? How could they be better?

Construction software will work differently for the field and the office, so be sure to ask your field crews what they think, too.

2

Set your goals.

Next, consider your goals. What do you want to achieve with your new technology?

Look beyond the present, and plan ahead. Think of where you want the company to be in five or ten years. How can you use technology to get you there?

Try out different products to see what works best.

Some products will work better for your business than others. That's why it's important to try a product before rolling it out to everyone.

Trials give you time to explore software on your own. Demos are more in-depth walkthroughs (usually with a rep), and let you ask any questions up front.

Both can help you choose the right software for you. Just make sure to include your employees who will use it.
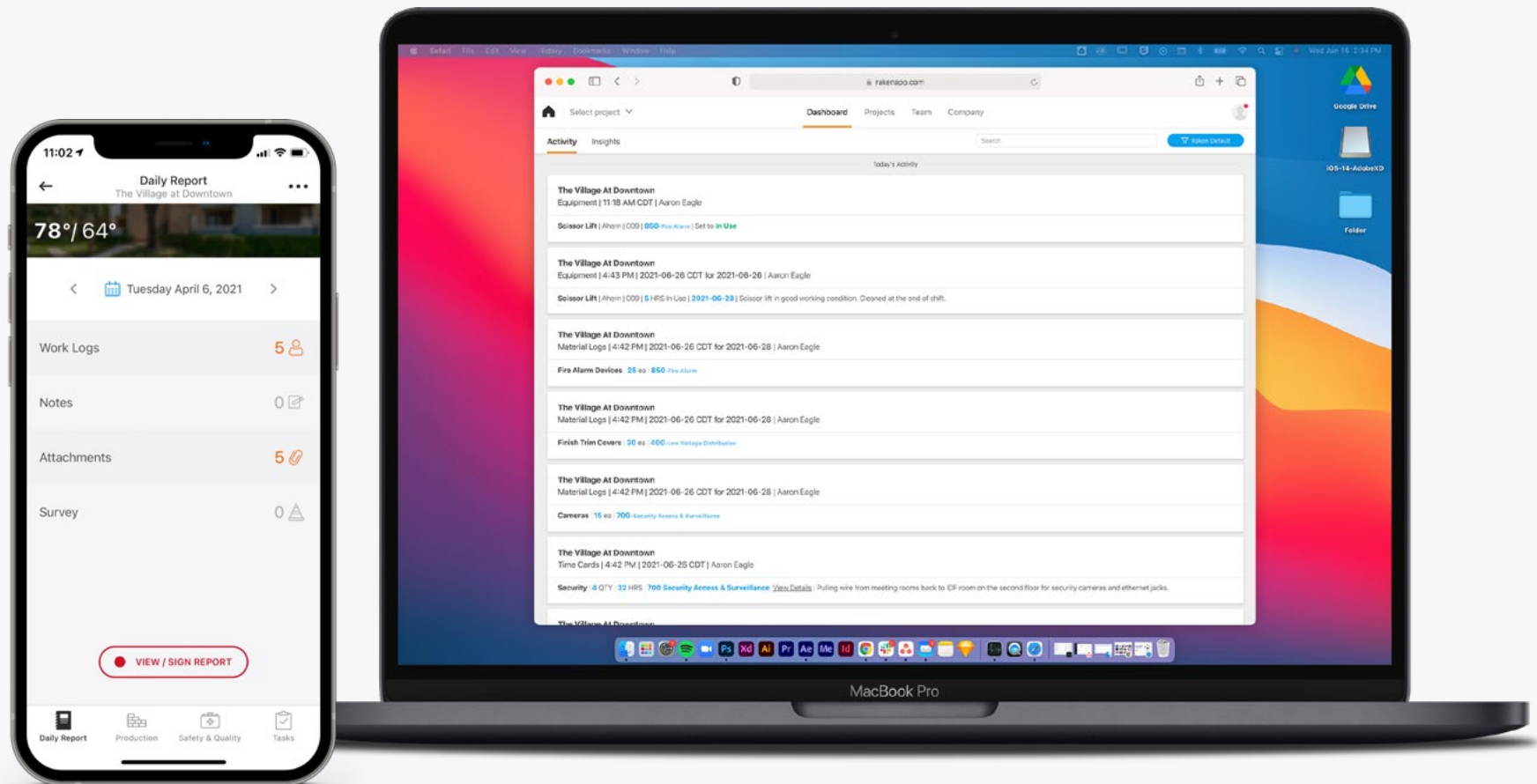
4

Implement and get feedback.

Now that you've found your dream tech, it's time to set everything up. Look for companies that offer personalized onboarding services to reduce any downtime.

Then, create a consistent feedback loop to see how everyone's liking the new tech—and build trust among your teams.

Develop your construction tech stack with Raken

Raken makes field management easy.

Our construction software helps you collect, manage, and store your field data—all in one place. That way, you have the real-time insights you need to keep your projects on track and profitable.
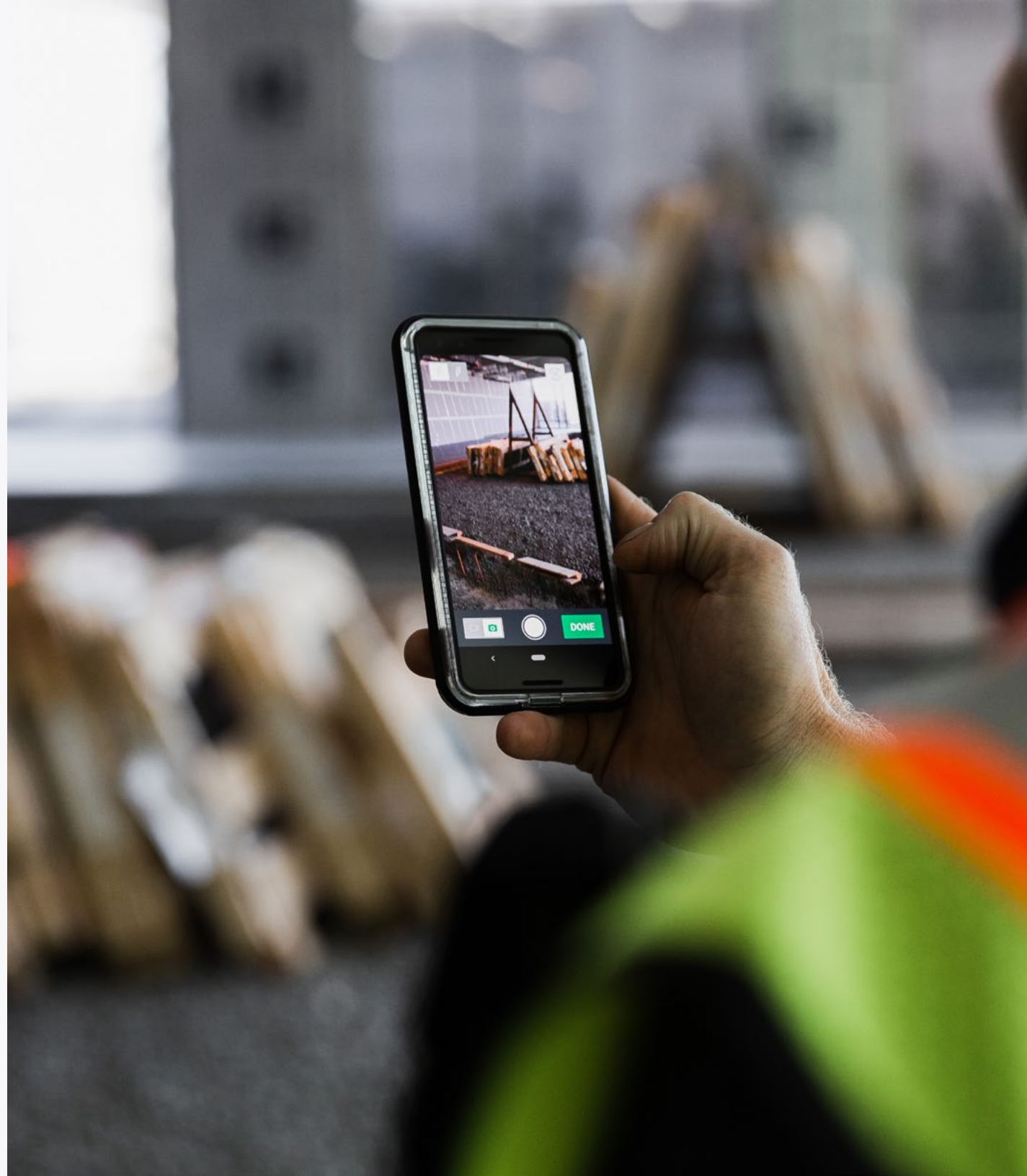

🔶 **Raken**

We built Raken with the field in mind.

All your project data comes from the field. That's why we made Raken easy for anyone to pick up. Better field data means better project insights you can use at the company level.

With our mobile app, field crews can complete:

- ✓ Daily reports
- ✓ Time cards
- ✓ Equipment and materials logs
- ✓ Safety and quality checklists
- ✓ Toolbox talks

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Project management software

Raken

Cloud storage

Accounting solutions

We play well with others, too.

We're all about field data, but we're constantly adding new integrations to cover all your bases.

Use Raken with:

Project management software

Save time by reducing the need to manually transfer files and switch between applications.

PROCORE

CMiC

Trimble.

ORACLE

AUTODESK BIM 360

Cloud storage

Securely transfer Raken project documents into your digital file storage system.

Google Drive

OneDrive

EGNYTE

box

Dropbox

Accounting

Import Raken time card data into your accounting software for faster payroll processing.

intuit quickbooks.

sage 300

POINTS NORTH

Deltek + ComputerEase

FOUNDATION software

Raken

Ready to build your tech stack?

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